

Appendix B

Phantom Count	Claim 1 of Kirby '034	Claim 1 of Kirby '810
A thermally insulating jacket, comprising:	An evacuated container comprising;	A method for producing an
at least one gas impermeable wall that defines an insulating compartment that can be evacuated so as to form a vacuum;	an outer barrier wall defining a compartment;	evacuated insulation compartment comprising:
an insulating material filling the insulating compartment;	a microporous insulation filler container within said compartment;	filling said compartment with a microporous insulation material;
the insulating compartment including a getter material that is able to absorb both water vapor and at least a second type of gas or vapor from the insulating compartment;	a first getter material contained within said compartment capable of gettering at least a first gas or vapor and a second, different gas or vapor;	obtaining a first getter material, which is capable of gettering said at least a first gas or vapor and a second, different gas or vapor;
the compartment also including a water sorbing material for sorbing the water vapor;	a second getter material also contained within said compartment capable of gettering said first, but not said second, gas or vapor;	obtaining a second getter material, which is capable of gettering said first, but not said second, gas or vapor;
a container for the getter and water sorbing material positioned in the compartment, the container being divided into upper and lower chambers and being made of a material that is impervious to water vapor,	packaging containing said first and second getter materials and excluding said microporous insulation filler,	placing said first and second getter materials into a package
the getter material being positioned in the lower chamber and the water absorber filling the upper chamber; the upper chamber communicating with both the insulating compartment and with the lower chamber, the lower chamber communicating with only the upper chamber	such that said second getter material will be more readily exposed to said first gas or vapor than said first getter material,	and placing said package, within said compartment such that said second getter material will be more readily exposed to said first gas or vapor than said first getter material;
so that the water absorber prevents water vapor in the insulating compartment from reaching the getter material.	wherein said first ... getter material will be protected from said first gas or vapor.	wherein said first getter material will be protected from said first gas or vapor;

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[inherent in preamble]	[inherent in preamble]	evacuating said compartment to a predetermined pressure level; and
[inherent in preamble]	[inherent in preamble]	sealing said compartment with said getter materials remaining therein to further remove at least said first and second gases or vapors which remain in said compartment or which permeate into said compartment.